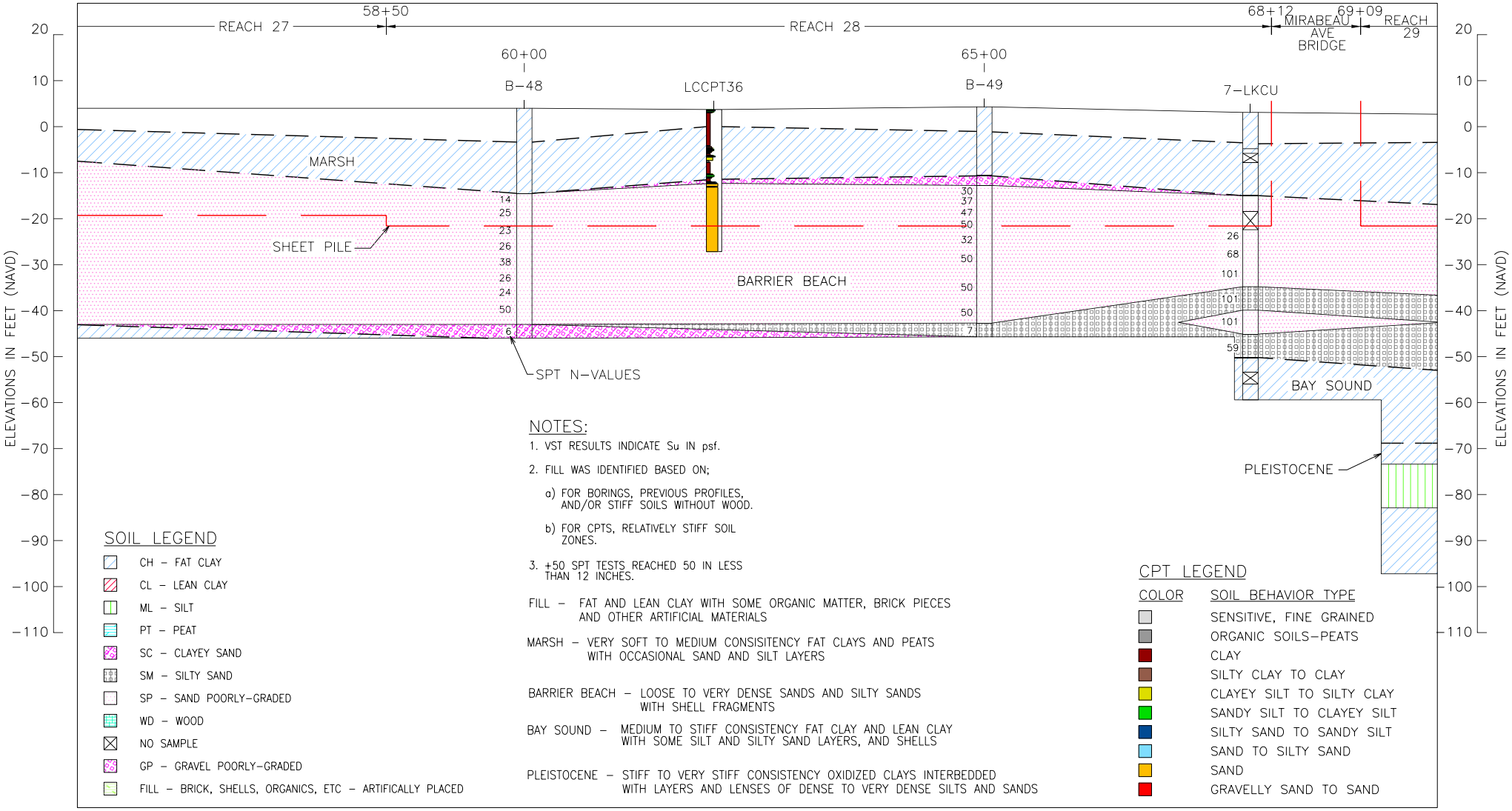

NOTES:

1. VST RESULTS INDICATE Su IN psf.
2. FILL WAS IDENTIFIED BASED ON;
   a) FOR BORINGS, PREVIOUS PROFILES, AND/OR STIFF SOILS WITHOUT WOOD.
   b) FOR CPTS, RELATIVELY STIFF SOIL ZONES.
3. +50 SPT TESTS REACHED 50 IN LESS THAN 12 INCHES.

FILL – FAT AND LEAN CLAY WITH SOME ORGANIC MATTER, BRICK PIECES AND OTHER ARTIFICIAL MATERIALS

MARSH – VERY SOFT TO MEDIUM CONSISITENCY FAT CLAYS AND PEATS WITH OCCASIONAL SAND AND SILT LAYERS

BARRIER BEACH – LOOSE TO VERY DENSE SANDS AND SILTY SANDS WITH SHELL FRAGMENTS

BAY SOUND – MEDIUM TO STIFF CONSISTENCY FAT CLAY AND LEAN CLAY WITH SOME SILT AND SILTY SAND LAYERS, AND SHELLS

PLEISTOCENE – STIFF TO VERY STIFF CONSISTENCY OXIDIZED CLAYS INTERBEDDED WITH LAYERS AND LENSES OF DENSE TO VERY DENSE SILTS AND SANDS

SOIL LEGEND

- CH – FAT CLAY
- CL – LEAN CLAY
- ML – SILT
- PT – PEAT
- SC – CLAYEY SAND
- SM – SILTY SAND
- SP – SAND POORLY-GRADED
- WD – WOOD
- NO SAMPLE
- GP – GRAVEL POORLY-GRADED
- FILL – BRICK, SHELLS, ORGANICS, ETC – ARTIFICALLY PLACED

CPT LEGEND

COLOR	SOIL BEHAVIOR TYPE
	SENSITIVE, FINE GRAINED
	ORGANIC SOILS-PEATS
	CLAY
	SILTY CLAY TO CLAY
	CLAYEY SILT TO SILTY CLAY
	SANDY SILT TO CLAYEY SILT
	SILTY SAND TO SANDY SILT
	SAND TO SILTY SAND
	SAND
	GRAVELLY SAND TO SAND

HORIZONTAL SCALE IN FEET

100 50 0 100 200 FT

LAKE PONTCHARTRAIN AND VICINITY
LONDON AVENUE OUTFALL CANAL
EASTBANK ℄

SOIL AND GEOLOGIC PROFILE

U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
CORP OF ENGINEERS
NEW ORLEANS, LOUISIANA

PLOT SCALE: 1 : 1
DATE: 11-06-09

FILE NO. PLATE 15